Express Mail Receipt No. ED109670080US 12-20-09 6110 sited on 12/17/04 PART B: FEE(S) TRANSMITTAL Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 DEC 1 7 2004 Alexandria, Virginia 22313-1450 (703) 746-4000 or Fax INSTRUCTIONS This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate Add further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated affects corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 7590 09/20/2004 Fellers Snider Blankenship Bailey & Tippens P C Certificate of Mailing or Transmission #ED109670080US I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first that many an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. Bank One Tower 100 North Broadway **Suite 1700** (Depositor's name) 12/21/2004 EAREGAY2 0000054 03636263 Anderson (Signature) 1400.00 OP 01 FC:1501 December 17. 2004 FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE 23060 4377 10/24/2000 Jack A. Mobley 09/696,269 TITLE OF INVENTION: IMPROVING PERFORMANCE IN A DATA STORAGE DEVICE USING HEAD-TO-HEAD OFFSETS IN ACCESS COMMAND **SCHEDULING PUBLICATION FEE** TOTAL FEE(S) DUE DATE DUE ISSUE FEE SMALL ENTITY APPLN. TYPE 12/20/2004 \$0 \$1330 NO \$1330 nonprovisional CLASS-SUBCLASS ART UNIT **EXAMINER** BATAILLE, PIERRE MICHE 2186 711-111000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). For printing on the patent front page, list Fellers, Snider, et al. (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer listed, no name will be printed. Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Seagate Technology LLC Scotts Valley, California Individual Corporation or other private group entity Government Please check the appropriate assignee category or categories (will not be printed on the patent): 4b. Payment of Fee(s): 4a. The following fee(s) are enclosed: XXIssue Fee A check in the amount of the fee(s) is enclosed. ☐ Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge **xhexequires** fee(s), or credit any overpayment, to Deposit Account Number 06-0540 (enclose an extra copy of this form). ☐ Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date December 17, 2004 Authorized Signature Registration No. 39.297

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Typed or printed name Randall K. McCarthy

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DEC 1 7 2004 E

In repplication of: Jack A. Mobley, Jason D. Gregg, Kenny T. Coker and Leonard D. Doss

Assignee:

SEAGATE TECHNOLOGY LLC

Application No.:

09/696,269

Group No.: 2186

Filed:

October 24, 2000

Examiner: Pierre Bataille

Notice of Allowance mailed: September 20, 2004

For: IMPROVING PERFORMANCE IN A

DATA STORAGE DEVICE USING

HEAD-TO-HEAD OFFSETS IN ACCESS

COMMAND SCHEDULING

Mail Stop Issue Fee Commissioner for Patents P:O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. § 1.311)

- 1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.
- 2. Fee (37 C.F.R. § 1.18 (a)):

Application status is other than a small entity with a regular fee of \$1,400.00

3. Payment of fee:

Attached is a check in the amount of \$1,400.00.

Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 06-0540. A duplicate of this paper is attached.

Date: 12/17/04

espectfully submitted,

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